

**To:** Matt Francis[m.francis@erllc.com]  
**From:** Way, Steven  
**Sent:** Wed 4/8/2015 5:39:21 PM  
**Subject:** RE: Gold King Revised Estimates

Matt,

This is getting there and the revision / format on the HW helps. A couple things that I see that could be reduced / dropped:

1. The 3 pickups for the GK are likely to be the same for the R n B, i.e., ER crew are needed to support the R n B work, even after adit mucking / wtr treatment. Maybe 50/50 split. Again, this gets to the shared resource / savings with dual operations analysis.
2. HW has a generator on their equipment as do you have it for ER's. HW's is \$7K ? Assume they have an @80 KW for a fan and lights ?
3. The \$20 K in miscellaneous hopefully is high too. Do we still have most of the filter bags ? The pipe requirements to get to the R n B might be significant if we have to buy. What about R f R aluminum or other lay-flat – have you priced any of their options.

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**From:** Matt Francis [mailto:m.francis@erllc.com]

**Sent:** Wednesday, April 08, 2015 10:39 AM

**To:** Way, Steven

**Subject:** Gold King Revised Estimates

Attached are two estimates. One is for total costs and the other is my revision of HW costs. The new HW costs are included in the total estimate, so these are separate and not to be added together.

To revise the HW estimate I put it on one of my spreadsheets. I left the total duration alone, but cut back equipment billing days to what is probably more realistic and stripped out costs for the loader and excavator. I didn't change hours for the crew, but did catch a HUGE bust in the rate for the regular miner. The two items that stick out to me now are the \$22,000 for miscellaneous stuff and \$15,000 for demobe. I can't recall what miscellaneous would be about for them other than steel for the gate, timbers, etc, - can't see \$20K. They should be willing to drop demobe if I'm bringing in the heavy equip.

For the total estimate I shifted the excavator and loader to ER's side at typical monthly rates. We'll probably share those with RnB, so I left the mobe fees off, and only 1 mo duration. Those costs and how we distribute are hard to predict.

Let me know your thoughts and I'll work on the RnB estimate.

Matt Francis

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